



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#718  
1/10/03

APPLICANTS: William Bell  
Steven Dietz  
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SERIAL NO.: 09/933,521  
FILED: August 20, 2001  
FOR: Mesoporous Carbons and Polymers

GROUP ART UNIT: 1711

EXAMINER: M.D. Bissett

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RESPONSE TO OFFICE ACTION DATED JULY 31, 2002

Atty. Docket No. 1867-00202  
Date: December 26, 2002

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated July, 2002, Applicants request that the above-captioned application be amended as follows:

In the Claims:

Please replace claims 14, 17 and 24 with the following and add new claims 28-30. A marked-up copy of the claims showing the changes made is appended hereto.

14. (Once Amended) A carbon prepared according to the following steps:

polymerizing a polymerizable component from a mixture containing said polymerizable component and a surfactant so as to form a polymer, said surfactant and said polymerizable component being present in said mixture in a molar ratio of at least 0.2 : 1 and said polymer having an average pore size greater than 4 nm, a density greater than 0.1 g/cc; and

carbonizing the polymer;

wherein said carbon has a volumetric capacitance in a non-aqueous electrolyte of at least 20 F/cc, a pore size greater than 2 nm, a density greater than 0.1 g/cc, and an electrical conductivity greater than  $10 \text{ Scm}^{-1}$ .

17. (Once Amended) The carbon according to claim 15 having a surface area of 891 to 2000  $\text{m}^2/\text{g}$ .

B1  
SUB  
C17

B2